Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the above-captioned patent application:

Claims 1-32 (Previously Cancelled Without Prejudice or Disclaimer)

33. (Previously Presented) A transmission apparatus for transmitting a video signal through a transmission path, comprising:

a decoder to decode a compressively coded signal to output picture signals, including a base-band luminous signal and base-band color different signals, and a control signal which is generated based on the compressively coded signal;

an I2C controller to control an I2C (Inter IC control) signal; and

a CPU to control the I2C controller and the decoder;

wherein the decoder is controlled by the CPU so as to output the picture signals which are displayable in a reception apparatus, on the basis of reception apparatus information that is received through the I2C controller.

34. (Previously Presented) A transmission apparatus for transmitting a video signal through a transmission path, comprising:

a decoder to decode a compressively coded signal to output picture signals, including a base-band luminous signal and base-band color different signals, and a control signal which is generated based on the compressively coded signal; and

an encoder to time-divisionally multiplex the picture signals in a video period and the control signal in a retrace period, thereby to encode the picture signals and the control signal into transmission path signals suited to the transmission path.

35. (Previously Presented) A transmission apparatus for transmitting a video signal through a transmission path, comprising:

a decoder to decode a compressively coded signal to output picture signals, including a base-band luminous signal and base-band color different signals, and a control signal which is generated based on the compressively coded signal;

an encoder to time-divisionally multiplex the picture signals in a video period and the control signal in a retrace period, thereby to encode the picture signals and the control signal into transmission path signals suited to the transmission path;

an I2C controller to control an I2C (Inter IC control) signal; and

a CPU to control the I2C controller and the decoder;

wherein the decoder is controlled by the CPU so as to output the picture signals which are displayable in a reception apparatus, on the basis of reception apparatus information that is received through the I2C controller.

36. (Previously Presented) The transmission apparatus according to claim 33, wherein the control signal is information indicating at least one of (1) a picture of the picture signals is any of an I picture, a P picture, and a B picture, (2) a picture of the picture signals is either a picture picked up by progressive scanning or a picture picked up by interlaced scanning, (3) a picture of the picture signals is either a top field or a bottom field picture, (4) a compression ratio of MPEG, and (5) field repeat information of a picture of the picture signals.

37 (Previously Presented) The transmission apparatus according to claim 33, wherein the control signal is used for controlling image quality.

38. (Previously Presented) A reception apparatus for receiving a video signal through a transmission path, comprising:

a decoder to decode transmission path signal into picture signals, including a base-band luminous signal and base-band color different signals, and a control signal, the transmission path signal is generated by coding the control signal which is generated based on a compressively coded signal, and the video signal so as to be suited to the transmission path, the control signal is time-division-multiplexed in a retrace period;

a ROM table to hold reception apparatus information indicating performance for making the signal displayable; and

an I2C controller to output the reception apparatus information stored in the ROM table to a transmission apparatus on the basis of an I2C (Inter IC control) signal outputted from the transmission apparatus.

39. (Previously Presented) A reception apparatus for receiving a video signal through a transmission path, comprising:

a decoder to decode transmission path signal into picture signals, including a base-band luminous signal and base-band color different signals, and a control signal, the transmission path signal is generated by coding the control signal to be used for controlling image quality, which is generated based on a compressively coded signal, and the video signal so as to be suited to the transmission path, the control signal is time-division-multiplexed in a retrace period; and

an image quality control to control the image qualities of the picture signals on the basis of the control signal.

40. (Previously Presented) A reception apparatus for receiving a video signal through a transmission path, comprising:

a decoder to decode transmission path signal into picture signals, including a base-band luminous signal and base-band color different signals, and a control signal, the transmission path signal is generated by coding the control signal which is generated based on a compressively coded signal, and the video signal so as to be suited to the transmission path, the control signal is time-division-multiplexed in a retrace period;

a ROM table to hold reception apparatus information indicating performance for making the picture signal displayable;

an I2C controller to output the reception apparatus information stored in the ROM table to a transmission apparatus on the basis of an I2C (Inter IC control) signal outputted from the transmission apparatus; and

an image quality control to control the image qualities of the picture signals on the basis of the control signal.

41. (Previously Presented) The reception apparatus according to claim 38, wherein the control signal is information indicating at least one of (1) a picture of the picture signals is any of an I picture, a P picture, and a B picture, (2) a picture of the picture signals is either a picture picked up by progressive scanning or a picture picked up by interlaced scanning, (3) a picture of the picture signals is either a top field or a bottom field picture, (4) a compression ratio of MPEG, and (5) field repeat information of a picture of the picture signals.

42. (Previously Presented) The reception apparatus according to claim 38, wherein the control signal is used for controlling image quality.